

FLYING EAGLES

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September 16, 2004

HAPPENINGS

8/28 Young Eagles

9/18 Gliders @ Rome

9/24-26 UHarley Festival
Battle of Tunnel Hill

CPR/1st Aid Certification
October 9

November Pensacola

Inside this issue:

Group 1 2
Commander's Call
Photos

Young Eagles 3
Flights

New School Year 4
Great Plans
for CAP & AE

The Value of 5
One's Life

The Magic 6
of
Flight

From 7
The
Supply Room

Cadet Capers



Commander's Corner

With Captain Tom Calvanelli

Bartow-Etawah Squadron Hosts Group 1 Commander's Call Saturday, August 14th

Working Together Will Improve Advancement and Training

The squadron hosted the new Group 1 Commander's Call on Saturday the 14th. Thanks to Dr. Mor and Major Geiger, the squadron compound and trailers were spruced up by working from 08:30 to 17:00 on Friday the 13th. Cadets Roberson, Posada and Calvanelli came by to help when they got out of school.

Lt. Col. Barry S. Herrin, the new Group 1 Commander, held the meeting with all of his squadron commanders present. The Cadet Advisory Committee was meeting at the same time and our squadron was represented by Cadets Posada and Roberson because Cadet Calvanelli was not available that day.

The new commander is most enthusiastic about all of the squadrons working together to improve advancements and training.

He wants us to tell each other about our up-coming events so that others may participate without duplicating effort.

I think that this is a very good idea, and I am looking forward to more group activities.



(Photographs on Page 2)

Strength of the Nation
by Dr. Ilana Mor

FLYING EAGLES
BARTOW-ETOWAH
SQUADRON



New Group 1 Commander Lt. Col. Barry Herrin (3rd from left in back row) met with Executive Leaders from Cobb, Rome, Atlanta 1, and Bartow-Etawah Squadrons at the Group 1 Commanders' Call on Saturday, August 14th.



Flt Sgt Posada and Cadet Roberson had the opportunity to socialize with other Executive Cadet leaders in Group 1. The main subject discussed was ways to improve future encampments.



**Cadet Safety
Officer
Daniel Klein**

Squadron Safety Briefing



**Safety Officer
Lt. Mike Fouts**

Being the Squadron's Safety Officer has made me so much more aware of the factors that can have an impact on our safety as a Squadron. I plan on having a specific safety briefing geared to whatever activity we will be doing as a Squadron.

Just for the month of September, we will have safety discussions on Tunnel Hill, gliders and traffic and crowd control for the Uharlee Covered Bridge Players Festival. Each one of these events has their own safety considerations according to what the activity entails. Cadet Klein is the Cadet Safety Officer and will be assisting me with these briefings. If any of you have any ideas on these subjects, please bring them to the attention of myself or Cadet Klein.

Remember the Squadron Commander's safety philosophy (you can read it on the bulletin boards): **Everyone is responsible for the safety of all the Squadron, and anyone can and must stop any actions or possible actions that could cause and injury or damage to persons and property**

The website for the wing runners course and test is: <http://soaringsafety.org/school/wingrunner/toc.htm>
Please go to that site, do the course, take the test, and get the certificate for your files.

The Young Eagles Program, an EAA Event, is in place to promote growth of the sport with our younger generation. Some of our Cadets participated on Saturday, August 28th, and thoroughly enjoyed themselves.



AEROSPACE EDUCATION



with Capt. Dave



Holt

**Summer has passed.
It's the beginning of
a new school year,
And
we are really mak-
ing a new start
in our CAP Squad-**

AEROSPACE EDUCATION

As the Squadron Aerospace Education Officer, I'd like to make a new start also. I would like to work with the Cadet leadership to set-up Elements. Cadets of the proper rank should be assigned as Element Leaders and junior Cadets should be assigned to an Element and Element Leader.

In Elements, Cadets could work together to gain greater comprehension of principles of flight and other Aerospace Education knowledge. It would be a more meaningful experience and there would be greater enjoyment from our Aerospace Education program. Younger cadets could gain focus and understanding through the guidance of their Element Leader. This in turn should result in more rapid and effective progress through the Aerospace Dimensions Modules.

TESTING

CAP Test 60, Wright Brothers Comprehensive Leadership/Aerospace Education Exam, was ordered about two weeks ago and should be available on the September test date.

PROMOTIONS

According to the latest CAPR 52-16, *Cadets must be able to recite from memory the Cadet Oath in order to be promoted.* Do you know it?

Have you seen CAP Pamphlet 52-6, Cadet Programs - Mentoring? It's worth reading because it has some important ideas for all of us to bring in to our thinking. **"Mentoring is a relationship in which a person with greater experience and wisdom guides another person to develop both personally and professionally.**

- appoint a mature cadet to mentor a cadet recruit
- identify cadets to serve as Aerospace Education mentors
- The mentor works with the cadet one-on-one in reviewing the AE chapter before the cadet tests.
- The tutoring relationship should last for as long as the cadet takes to complete Phase I (about 6 months to 1 year) and/or Phase II (another 10 months to 2 years)."

If you're not within these suggested time lines for promotion and would like a mentor,

let Capt Holt or Lt Klein know.



Tales From A Life Traveler

by Dr. Ilana Mor, Moral Leadership Officer

What Do You Want To Do With Your Life?

As for me...I've always had a zest for Life and Learning,



Little did I know forty-four years ago how my life would unfold. My picture, likes, dislikes, and goals were left on a page in my High School yearbook as I eagerly stepped into the future.

During our Moral Leadership Session we talked about the value of one's life and how the thoughts written on the page of a yearbook and the goals set at an early age can shape one's future. In our group discussions, we talked about setting intentions for one's life and what is necessary to achieve those goals. We also talked about how our lives affect others and how we want to be remembered.

August 26th was my birthday and I want to thank all of you in the Squadron for making it so special.

Ilana Mor



George W.
Hewlett H.S

New York



BADMINTON (back row/2nd from right)



VOLLEYBALL (2nd row/right)

1960 HIGH SCHOOL YEARBOOK

An enthusiastic participant in Hi-Y and Y.M.C.A...Pres. of Area Council and Pres. and Sec'y of Delta Hi Y...Youth and Govt. convention at Albany...received bond for work at Y.M.C.A...Gold Key winner and member of *Leaders'* Club.

Likes: working with children, conversation, hamburgers

Dislikes: snobs, being on time, standing on line

Goals: to travel

To Travel: I've lived 26 yrs in New York, 23 yrs in Georgia and close to 14 years abroad. I've traveled throughout the U.S.,, visited Canada, Mexico, the Bahamas, and Europe.

I've gained a great appreciation
for all aspects of the Creator's world!

Accomplished Goals & What I Learned

Working with Children:

(have 4 grown children/10 grandchildren)
Teacher/Youth Leader/Counselor/ML Officer/
Deputy Comm.of Cadets/Ordained Minister

Conversation:

I'm a *People* person who has always loved an honest heart-to-heart chat.

Hamburgers:

Mealtime is a great time to share with others.

Snobs:

I still don't want to be judged by my STUFF.

Being On Time:

Find a balance. Be respectful to others but remember that every moment is precious.
There might not be a tomorrow.

Standing On Line:

Can be enjoyable if you talk to people.



THE MAGIC OF FLIGHT

To create **LIFT** (or a positive upward force to counter the pull of **GRAVITY**), the wing must move air molecules out of their normal at rest position. The wing will need to be slightly tilted upward at the leading edge. This is called a **positive angle of attack**.

As a wing passes through the air, it is dividing a massive sea of molecules. The leading edge of the wing is the dividing point. What happens to these molecules, that are disturbed as the wing passes through them, will have an effect on the wing.

If air molecules are pushed together their collective air pressure will be greater. If they are spread apart, their air pressure will be lowered. Higher pressure under the wing and lower pressure above it will cause the wing to be lifted toward the lower pressure side, and will tend to lift upward.

The molecules that pass below the wing are pushed downward toward the rest of the sea of molecules below it. To a very slight extent, this packs the molecules a little closer together which is another way of saying that it slightly increases the air pressure just below the wing.

Because air (made up of billions and billions of molecules) is very springy, the actual higher pressure created is very, very slight.

HOW LIFT IS CREATED BY AN AIRCRAFT



By Lt. Eric Klein

What is even more significant is what is happening on the top of the wing. Since the wing is slightly tilted with the leading edge higher than the trailing edge (a positive angle of attack), the molecules that are just above the wing will have to rush downward to fill the void that would have been created above it as it moves forward. These molecules are being spread apart as they rush downward away from the other molecules at rest above them.

Since molecules that are spread apart have a lower pressure than molecules that are packed together, there is a lower pressure area established above the wing. **This makes the relatively higher pressure air under the wing push it toward the lower pressure air above it.**

This is **LIFT** and can be used to overcome **GRAVITY** that is trying to pull the airplane downward. The faster the wing moves forward, the more air molecules it moves through. This will cause a greater change in the air pressure both above and below the wing. The greater this difference in pressure is, the greater the **LIFT** will be.

See you next month
with another topic on
The Magic of Flight.

FROM THE SUPPLY

PT OUTFITS

Most of you have the PT outfits that were GIVEN to you to wear on PT meetings, however, I am still seeing a lot of mixed outfits.

If you are having a problem with your PT outfit, **please let me know and I'll try to correct it.** Don't just show up with whatever you decide you want to wear. We are a team and teams wear the same uniforms when they are together.

Please don't misuse your PT outfit. These outfits cost around \$50 and someone was nice enough to give them to you so that you didn't have to pay for them.

If you don't know where your PT outfit is at home, then that makes you irresponsible. But, I don't think you are like that. I think that some of you depend on someone else to know where your PT outfit is and to have it ready for you.

Know this, if you intend to go into the military, that is not the rule. **You will be responsible for your PT outfit and will feel the repercussions for not having it ready.**

I know some of you feel like "Who cares!!"

Well, if the truth be told, **I do.**

If I didn't care,

I would not have gotten them for you.

The care you take with all of your uniforms and equipment reflect to me and the other Cadets and Senior Members how you feel about yourself and your Squadron.

Remember, ultimately it's YOU who are responsible for the uniforms and equipment that has been assigned to you.

A lot of hard work and money goes into acquiring new and useable uniforms and equipment for you. Some of you think the Seniors don't support you, but they do by providing YOU with what you need to complete your mission.

Some Squadrons don't have that chance or privilege. So, **don't abuse a good thing.** It can come to an abrupt halt.

Support for you depends on YOUR RESPONSIBILITY. THAT IS ALL.

**We are a team.
Teams wear
the same uniforms
when they are together.**

*As you were...
Carry on...
I'll be in the area!*

Maj. Geiger





1ST E.L.
LONG

2ND E.L.
RAYBON

3RD E.L.
ROBERSON

4TH E.L.
GRAVES

5TH E.L.
KLEIN

CADET LEADERSHIP



3rd E.A.
Watkins



5th E.A.
Mentzer

1st Element Leader
2nd Element Leader
3rd Element Leader
3rd Element Assistant
4th Element Leader
5th Element Leader
5th Element Assistant

Recruitment Leader
Recruitment Assistant
Safety Officer
PT Mentor
PT Mentor
Color Guard Leader

Cadet Commander
Commander's Advisor

Squadron Commander - Captain Tom Calvanelli
Deputy Commander of Cadets - Dr. Ilana Mor

C/MSgt Shawn Long
C/SrA Sam Raybon
C/Amn Matt Roberson
CA1/C Jesse Watkins
C/A1C Brittany Graves
C/A1C Daniel Klein
C/Amn Derek Mentzer

C/SrA Jonathon Posada
C/SrA Sam Raybon
C/A1C Daniel Klein
C/A1C Daniel Klein
C/Amn Justin Fredette
C/SrA Sam Raybon

C/2d Lt. Jonathan Calvanelli
C/TSgt Alex Blake



Posada, Blake, & Calvanelli



BARTOW-ETOWAH SQUADRON

D-DAY 60TH ANNIVERSARY CEREMONY & MY SUMMER TRIP TO EUROPE

My experience on the beaches and at the D-Day ceremony were amazing.

I got to see most of Europe on a trip I took with my school. We also got to see the D-Day 60th Anniversary Ceremony on Omaha Beach.

When we arrived, we just started to soak in the view. You could see the whole beach where the invasion had taken place. There were battle cruisers in the bay and the sight was amazing. The ceremony was about to start.

At the ceremony were President George W. Bush, Tom Hanks, the French President and the German Prime Minister, who was there for the first, and maybe, the last time ever. There was a big stand running through the middle of the place; it was really long, so they set up TVs all around so you could see. The French President got up to speak. After he was done, President Bush gave his speech. It was very good. After they were done speaking, everybody was trying to get to the front to meet them. One of my friends was about four feet from Tom Hanks.

After we all met up again, our teacher told us to go and meet one veteran. There were a lot there. It was really nice of them to share their stories with us about their time in WWII and what D-Day was like to them.

One day, we all got to see some men from the 101st Airborne jump out of an airplane onto the same field that they did on D-Day. Afterwards, we all met some vets and talked to them.

**It was an experience
I will never forget.**



Cadet Cody Holt



UPCOMING SQUADRON EVENTS

Gliders at Rome

UHarley Covered Bridge Players Festival

Battle of Tunnel Hill

CPR/First Aid Certification

Saturday September 18th

Fri-Sun September 24th — 26th

Fri-Sun September 24th — 26th

Saturday October 9th 9 am — 5 pm



TIDBITS

Look up CAP Regulation 52-16 (www.cap.gov)
Cadet Program Management
to get an idea of what is going on.



November Pensacola Naval Air Station & the Blue Angles Air Show

TO SUBMIT AN ARTICLE FOR THE FLYING EAGLES NEWSLETTER:

1. GIVE A COPY OF THE ARTICLE TO LT KLEIN OR DR.MOR.
or
2. E-MAIL ARTICLE TO www.eAirCommunications.com or Ilana@Art4theHeart.net.
(If you e-mail the article, please confirm that the article was received.)



Lt. Eric Klein

EDITORS-IN-CHIEF



Dr. Ilana Mor

CAP Senior Member
Operations/Asst. Testing Officer
Web Design
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Air Communications

www.eAirCommunications.com

CAP Senior Member
Moral Leadership Officer
Deputy Commander of Cadets
Public Affairs Officer

Interfaith Ordained Minister
Teacher, Spiritual Artist, Author



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*Lessen Stress... Rediscover Choice...
Experience Empowerment*

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Printing and Distribution of the Newsletter.....Lt. Eric Klein